PAT-NO:

JP02006150606A

DOCUMENT-

JP 2006150606 A

IDENTIFIER:

TITLE:

POLYESTER FILM FOR METAL SHEET LAMINATE, FILM LAMINATED METAL

SHEET AND METAL CONTAINER

PUBN-DATE:

June 15, 2006

INVENTOR-INFORMATION:

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APPL-NO:

JP2004340263

APPL-DATE: November 25, 2004

INT-CL-**ISSUED:**

TYPE

IPC DATE IPC-OLD

IPCP

B32B15/09 20060101 B32B015/09

IPFC

B65D8/16 20060101 B65D008/16

ABSTRACT:

PROBLEM TO BE SOLVED: To provide a good polyester film which ensures required characteristics that are, aroma retention, corrosion resistance and low temperature adhesiveness and not affected by the kind of a beverage to be filled and the kind of a metal sheet when used for the production of a metal container, and a film laminated metal sheet and the metal container.

SOLUTION: This laminated polyester film is constituted of two layers of A-layer/B-layer and a resin, which forms the Alayer, comprises polyethylene terephthalate while a resin, which forms the B-layer, comprises a mixed polyester composed of a polyester based on butylene terephthalate and a polyester comprising a composition different from the polyester based on butylene terephthalate. The thickness layer of both layers A and B is A-layer:B-layer=75-95:25-5%, the lamination possible temperature of the B-layer and the metal sheet is 200°C or below and the intrinsic viscosities of both resins forming the A-layer and the B-layer are respectively 0.5-0.7.